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(54) SECURITY SYSTEM BY MULTIPLEX SYSTEM PARALLEL OPERATED COMPUTERS

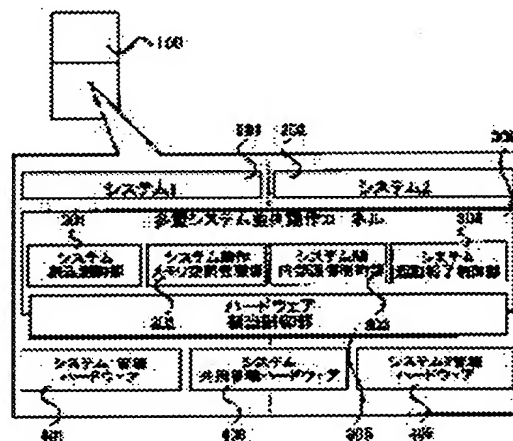
(57)Abstract:

PROBLEM TO BE SOLVED: To secure the security of systems to be simultaneously and parallel operated without altering the systems by making a monitoring system monitor the contents of inter-system communications with the other system and an illegal inter-system communication control from the other system and preventing the influence of an illegal intrusion and control when an illegality is detected except for the monitoring system.

SOLUTION: A multiplex system parallel operation kernel 300 simultaneously and parallel operates plural systems on one computer. A system interruption control part 301 controls the interruption between respective systems and performs assigning or scheduling of processors.

Besides, a system operation memory space managing part 302 manages the memories of respective systems and assigns memories for each of respective systems.

When an illegal access is performed from one system to the multiplex system parallel operation kernels 300, the multiplex system parallel operation kernel 300 enables a general system itself to stop while using a system start/end control part 304.



LEGAL STATUS

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